



University of Zurich
Institute of Social and
Preventive Medicine



A Acute
M Myocardial
I Infarction in
S Switzerland

AMIS Plus Newsletter Nr. 27 – November 2008

Dear Current & Potential AMIS Plus Participants, & Sponsors

We hope you all enjoyed the beautiful changing colours of autumn as we now brace ourselves for the colder months ahead.

European Society of Cardiology Congress

The European Society of Cardiology Congress in Munich from 30 August to 3 September 2008 proved to be another success with

- three AMIS Plus presentations and
- a new report from the Euro Cardiovascular Healthcare Index 2008, presented by Dr Arne Björnberg (Health Consumer Powerhouse, Stockholm, Sweden) showed that Switzerland is **one of the three** top nations for cardiac care in Europe. This report nicely illustrates that the AMIS Plus data reflect daily practice in hospitals throughout Switzerland.



To address adherence to guidelines and trends in outcome between diabetic and non-diabetic patients presenting with ST-elevation myocardial infarction, data of 13,512 patients were analysed from the AMIS Plus databank. It was found that diabetic patients had a lower guidelines-adherence-score than non-diabetic patients. It has been shown that the outcomes of diabetic patients with STEMI have dramatically improved during the past decade but adherence to guidelines remained lower. Specifically, diabetic patients received 38% less reperfusion therapy than non-diabetic patients. Ironically, reperfusion therapy was associated with a halving of mortality in the diabetic population. Roffi et al. *Kardiovaskuläre Medizin* 2008;110(5):34S.

What's New in the Publications Department?

Thanks to the hard work and dedication of our participating hospitals we now have over 29,000 cases in our databank and over 6,000 patients were contacted 3 and/or 12 months after the cardiac event. This invaluable store of data is being actively used, and we are very excited to be able to announce that since November 2007 no less than eight papers have been published!

We are enclosing **the latest AMIS Plus publication “Ten-year trends in the incidence and treatment of cardiogenic shock”** published in the *Annals of Internal Medicine* (Ann Int Med 2008; 149:618-26) for your perusal.

We wish you all a warm and cosy winter!

Sincerely yours

For the Steering Committee:

Prof. Paul Erne, MD
President

For the Data Center:

Dragana Radovanovic, MD
Head of the Data Center